



DT14 Rec'd PCT/PTO 14 OCT 2004

Attorney Docket No. 5108N1P1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Zhang, *et al.*

Serial No.: 10/501,689

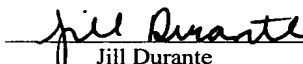
Filed: 07/16/2004

For: Benzofuran and Benzothiophene Derivatives Useful in the Treatment of Hyper-Proliferative Disorders

CERTIFICATION OF MAILING UNDER 37 C.F.R. 1.8(a)

I hereby certify that this correspondence and any papers referred to as attached are being deposited, on the date shown below, with the United States Postal Service, with sufficient postage, as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: OCT 12 2004

  
Jill Durante

MAIL STOP AMENDMENT  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

TRANSMITTAL OF SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. 1.97(b))

Dear Sir:

Applicants wish to cite for the record in the above-identified application the references shown on the accompanying copy of PTO form 1449.

**IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING  
INFORMATION DISCLOSURE STATEMENT**

The information disclosure statement transmitted herewith is being filed **before** the mailing date of the first Office action on the merits.

**FEE PAYMENT**

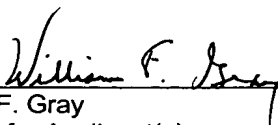
Applicants believe that no fees are due with this submission. However, the Commissioner is hereby authorized to charge any fees that may have been overlooked but that are required to Deposit Account 13-3372. Additionally, please credit any overpayment to the same account.

Respectfully submitted,

Reg. No.: 31,018

Telephone: (203) 812-2712

Date: 11 OCT 2004

  
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|  |    |  |   |                               |                 |          |   |                           |                    |                              |                  |               |                                  |  |
|--|----|--|---|-------------------------------|-----------------|----------|---|---------------------------|--------------------|------------------------------|------------------|---------------|----------------------------------|--|
| Form PTO-1449<br>(Modified)  |    | U.S. Department of Commerce<br>Patent and Trademark Office   |   | Serial No.<br>10/501,689      |                 | Art Unit |   | Filing Date<br>07/16/2004 |                    | Atty. Docket No.<br>5108N1P1 |                  |               |                                  |  |
| <b>SUPPLEMENTAL<br/>INFORMATION DISCLOSURE CITATION</b>  |    |  |   | Applicant(s)<br>Zhang, et al. |                 |          |   |                           |                    |                              |                  |               |                                  |  |
| <b>U.S. PATENT DOCUMENTS</b>   |    |  |   |                               |                 |          |   |                           |                    |                              |                  |               |                                  |  |
| *  |    | DOCUMENT NO.   |   |                               |                 |          |   |                           | DATE<br>(MM/DD/YY) | NAME                         | CLASS            | SUB-<br>CLASS | FILING DATE<br>IF<br>APPROPRIATE |  |
|  | U2 | 5  | 9 | 2                             | 2               | 7        | 4 | 0                         | 07/13/99           |                              |                  |               |                                  |  |
|  | U3 | 5  | 6 | 9                             | 1               | 3        | 5 | 9                         | 11/25/97           |                              |                  |               |                                  |  |
|  | U4 | 5  | 6 | 2                             | 2               | 9        | 8 | 9                         | 07/22/97           |                              |                  |               |                                  |  |
|  | U5 | 5  | 5 | 6                             | 5               | 4        | 8 | 8                         | 10/15/96           |                              |                  |               |                                  |  |
|  | U6 | 5  | 5 | 0                             | 4               | 2        | 1 | 3                         | 07/02/96           |                              |                  |               |                                  |  |
| <b>FOREIGN PATENT DOCUMENTS</b>  |    |  |   |                               |                 |          |   |                           |                    |                              |                  |               |                                  |  |
| *  |    | DOCUMENT NO.   |   |                               |                 |          |   |                           | DATE<br>(DD/MM/YY) | COUNTRY                      | PRIMARY<br>CLASS | SUB-<br>CLASS | TRANSLATION<br>YES NO            |  |
|  | F2 | 0  | 5 | 5                             | 1               | 6        | 6 | 2                         | 21/07/93           | EP                           |                  |               |                                  |  |
|  | F3 | 0  | 7 | 3                             | 1               | 0        | 9 | 9                         | 11/09/96           | EP                           |                  |               |                                  |  |
|  | F4 | 9  | 8 | 0                             | 2               | 4        | 4 | 0                         | 22/01/98           | WO                           |                  |               |                                  |  |
|  | F5 | 0  | 0 | 6                             | 9               | 8        | 4 | 4                         | 23/11/00           | WO                           |                  |               |                                  |  |
|  | F6 | 0  | 0 | 6                             | 9               | 8        | 4 | 3                         | 23/11/00           | WO                           |                  |               |                                  |  |
|  | F7 | 0  | 0 | 6                             | 9               | 8        | 4 | 2                         | 23/11/00           | WO                           |                  |               |                                  |  |
|  | F8 | 0  | 0 | 6                             | 9               | 8        | 4 | 1                         | 23/11/00           | WO                           |                  |               |                                  |  |
| <b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>   |    |  |   |                               |                 |          |   |                           |                    |                              |                  |               |                                  |  |
|  | R2 | Hayakawa, et al., "4-Hydroxy-3-Methyl-6-Phenylbenzofuran-2-Carboxylic Acid Ethyl Ester Derivatives as Potent Anti-Tumor Agents," <i>Bioorg. Med. Chem. Lett.</i> , <b>14</b> , 455-458 (2004).                   |   |                               |                 |          |   |                           |                    |                              |                  |               |                                  |  |
|  | R3 | Hayakawa, et al., "A Library Synthesis of 4-Hydroxy-3-Methyl-6-Phenylbenzofuran-2-Carboxylic Acid Ethyl Ester Derivatives as Anti-Tumor Agents," <i>Bioorg. Med. Chem. Lett.</i> , <b>14</b> , 4383-4387 (2004). |   |                               |                 |          |   |                           |                    |                              |                  |               |                                  |  |
|  | R4 | Hayakawa, et al., "Thienopyridine and Benzofuran Derivatives as Potent Anti-Tumor Agents Possessing Different Structure-Activity Relationships," <i>Bioorg. Med. Chem. Lett.</i> , <b>14</b> , 3411-3414 (2004). |   |                               |                 |          |   |                           |                    |                              |                  |               |                                  |  |
|  |    |  |   |                               |                 |          |   |                           |                    |                              |                  |               |                                  |  |
|  |    |  |   |                               |                 |          |   |                           |                    |                              |                  |               |                                  |  |
|  |    |  |   |                               |                 |          |   |                           |                    |                              |                  |               |                                  |  |
|  |    |  |   |                               |                 |          |   |                           |                    |                              |                  |               |                                  |  |
| EXAMINER   |    |  |   |                               | DATE CONSIDERED |          |   |                           |                    |                              |                  |               |                                  |  |
| *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |  |   |                               |                 |          |   |                           |                    |                              |                  |               |                                  |  |